

# CONCORDIA UNIVERSITY



VICE-RECTOR'S BULLETIN

FACULTY OF ARTS AND SCIENCE

SEPTEMBER 1980 - BULLETIN NO. 12

---

APPOINTMENT OF THE VICE-RECTOR,  
ADMINISTRATION AND FINANCE

The appointment is for a five-year term, beginning on 1 June 1981.

Applications or nominations, with biographical information, should be sent by 15 October 1980 to the Chairman of the Advisory Search Committee, Dr. John W. O'Brien, Rector and Vice-Chancellor, BC-204-C, S.G.W. Campus.

APPOINTMENT OF THE DEAN OF GRADUATE STUDIES

The appointment is for a five year term, beginning on 1 June 1981.

Applications or nominations, with biographical information should be sent by 15 October 1980 to the Chairman of the Advisory Search Committee, Dr. John S. Daniel, Vice-Rector, Academic, BC-303-C, S.G.W. Campus



FACULTY ACTIVITIES.....

DR. R. AIKEN (Department of Geography)

- co-authored a paper with Dr. Frost "Dengue Hemorrhagic Fever and Rainfall in Peninsular Malaysia, some suggested Relationships" in Social Science and Medicine, August 1980.

DR. C.A. ALLEN (Department of Philosophy)

- delivered the Commencement Address at the College of Notre Dame of Maryland, May 24, 1980.

DR. P. BABARIK (Department of Psychology)

- was appointed a reviewer for Canadian Psychology/ Psychologie Canadienne in the area of community psychology.
- organized and chaired a symposium, "The Canadian Evolution of Mental Health into Community Psychology" at the American Psychological Association Convention, Montreal, September 4, 1980.

ASSISTANT PROFESSOR L.M. BARLOW (Department of Geography)

- presented a paper at the American Association of Geographers Meeting in Louisville on "Metropolitan Governments in Toronto and Montreal: A Geographical Perspective" in April 1980.

DR. E. BRUSSELL (Department of Psychology)

- delivered the following papers with published abstracts at the Association for Research in Vision and Ophthalmology, Orlando, Florida, May, 1980:

"Suprathreshold intensity increments can add to luminance or brightness." (with M. Borenstein and P. Baker)  
Supplement to Investigative Ophthalmology and Visual Science, 1980, 19, 78.

"Spatial frequency characteristics of discrimination mechanisms" (with P. Cavanagh, and S. Coupland).  
Supplement to Investigative Ophthalmology and Visual Science, 1980, 19, 44.

"Influence of stimulus size on increment thresholds near an edge" (with P. Baker and M. Borenstein). Supplement to Investigative Ophthalmology and Visual Science, 1980, 19, 213.



- presented a paper at the sectional meeting of the Optical Society of America, Sarasota, Florida, May, 1980:

"Dependency of the 'edge effect' on spatio-temporal stimulus characteristics", (with P. Baker and M. Borenstein). Recent Advances in Vision (technical digest of the Optical Society of America), 1980, FA3.

- presented the following papers at the annual meeting of the American Psychological Association, Montreal, September 1980:

"Influence of spatial factors on the increment threshold edge effect", (with P. Baker and M. Borenstein).

"Addition of suprathreshold brightness to either side of a subthreshold edge", (with M. Borenstein and P. Baker).

ASSOCIATE PROFESSOR A. CONSTANZO (Department of Modern Languages and Linguistics)

- attended the Fifteenth Congress on Medieval Studies at Western Michigan University, on May 1-4, 1980 where he chaired two sessions and acted as commentator for one session.

DR. K.S. DHINDSA (Department of Biological Sciences)

- published the following articles:

"Histological changes in the thyroid gland of the mouse following treatment with 1,1,3-tricyano-2-amino-1-propene", in Acta Anatomica, 106: 468-472 (1980).

"The effect of monosodium glutamate (MSG) on the histogenesis of ovary in mice", in Proceedings of the Canadian Federation of Biological Societies, 23: 122

- presented a paper entitled "The effect of monosodium glutamate (MSG) on histogenesis of ovary in mice", at the 23rd Annual Convention of the Canadian Federation of Biological Societies, held at Memorial University of Newfoundland, St. John's, Newfoundland in the Toxicology Session, June 11, 1980.



DR. D.J. DICKS (Department of Education)

- presented the following five papers (with research assistants in the Educational Technology Program) on their work on "socio-economic aspects of the 'Information Society' and the planning of skill-training programs" at the Association for Education and Training Technology (London, England), the National Society for Performance and Instruction (Dallas), the International Communications Association (Acapulco) and the Association for Media and Technology in Canada (Edmonton) in summer, 1980.
- is currently conducting sabbatical research on the "socio-economic aspects of 'information flow'", at the Research Institute on Telecommunications and Economics, Tokyo, Japan.

DR. H. FINK (Department of English)

- presented the following papers:
  - "The Way through the Wood: Literary-Dramatic Analysis of a Radio Drama" (with Rosalind Zinman) at the meetings of the Canadian Ethnological Society, March, 1980.
  - "Tyrone Guthrie's Radio Plays and the Staging of Shakespeare", to the Meetings of the Association for Canadian Theatre History, at the Learned's, Montreal, May, 1980.
  - "The Concordia Radio Drama Project: Interdisciplinary Research on Canadian Primary Material", to the meetings of the Canadian Humanities Association, at the Learned's, Montreal, May, 1980.

DR. D.A. FRASER (Department of Geography)

- presented the following papers:
  - "Growth and Productivity of *Picea marianan* and *P. glauca* Under Controlled and Natural Environments in Northern Ontario and Quebec" at the International Geographical Union Conference in Tokyo, August 1980.
  - "The Battle over the Atlantic" at the Canadian Association of Geographers Conference in Montreal, April 1980.



DR. P. GARNET (Department of Theological Studies)

- published a paper "Jesus and the Exilic Soteriology" in Studia Biblica 1978 II (J.S.N.T. Supplement Series 2), Sheffield, 1980. It was read at the Sixth International Congress on Biblical Studies, Oxford, April 1978.

DR. T. GRAY (Department of Psychology)

- published an article entitled "Effects of Pimozide on lever pressing behaviour maintained on an intermittent reinforcement schedule." (with Dr. R.A. Wise) in Pharmacology, Biochemistry and Behaviour 12: 931-935, 1980. A symposium on the above subject was also given at the Canadian Psychology Association meeting, Calgary, June 1980.

DR. R.L. HALL (Department of Mathematics)

- published the following articles:  
"Inverse Moments for a Class of Truncated Normal Distributions", Sankhya: The Indian Journal of Statistics, 41 B (1979) 204. (published summer 1980).  
"Hyperfine Splitting of the Ground State of Baryonium Using a Harmonic-Oscillator Potential", (with C.S. Kalman and S.K. Misra) The Physical Review D 21, 1908 (1980).

DR. C.S. KALMAN (Department of Physics)

- published a paper (with Drs.S.K. Misra and R.L. Hall) "Hyperfine Splitting of the Ground State of Baryonium Using a Harmonic Oscillator Potential", The Physical Review 21, 1908 (1980).
- published the following papers:  
"Calculation of the Mass Spectrum in  $SU(1,3)$  Dynamical Group Theory" (with M. O'Neill) in Lettere al Nuovo Cimento 27, 48 (1980).  
"Masses of Charmed Baryons in  $SU(1,4)$  Dynamical Group Theory" (with M. O'Neill) in Lettere al Nuovo Cimento 27, 551 (1980).  
" $SU(1,3)$  As a Dynamical Group for Hadron Scattering States" (with S. Barbari) in Lettere al Nuovo Cimento 27, 513 (1980).



DR. D. KALOUPEK (Department of Psychology)

- published an article entitled "The relationship between stimulus specificity and self-report indices in assessing fear of heterosexual social interaction: A test of the unitary response hypothesis" (with D.J. Levis) in Behavioral Assessment, 2, 267-281 (1980)

DR. N.N. KAPOOR (Department of Biological Sciences)

- lectured on "The Morphological and Physiological studies of tracheal gills in the stonefly nymph, Paragnetina media" to the faculty and students of the Department of Zoology, Panjab University, Chandigarh, India. August 6, 1980.
- chaired a session on August 21, 1980 of the seventh International Symposium on Plecoptera held at Nara City, Japan, August 19-22, 1980.
- presented a paper on "The Relationship Between Ultra-structural Changes in the osmoregulatory cells and sodium  $\text{Na}^+$ ,  $\text{K}^+$ -ATPase activity in the gills of a plecopteran nymph adapted to various experimental conditions." to the 7th International Symposium on Plecoptera, August 19, 1980, Nara City, Japan.

ASSOCIATE PROFESSOR G.S. LINGAPPAIAH (Department of Mathematics)

- published a paper entitled "Bayesian approach to prediction and spacings in the exponential distribution" in Annals of Institute of Statistical Mathematics, vol. 31 (1979) no. 3, 391-402, September 2, 1980.

DR. P.D. MITCHELL (Department of Education)

- published the following articles:
  - "Can CAL Link the Theory and Practice of Instruction?" in Computers and Education, An International Journal 3, 295-307 (1979)
  - "A Micro-Analytic Procedure for Improving Instructional Materials" in Aspects of Educational Technology XVI London, England 1979.
  - "Needed: Student-Centred Self-Instructional Systems for Adult Learners" in Trends in Educational Publishing Leatherhead, England, 1979
  - "The Use of Algorithms in the Design and Development of Instructional Materials" (with R.F. Schmid) in Perspectives on Academic Gaming and Simulation, 1980.



DR. P.D. MITCHELL (Department of Education) cont'd.

- presented the following papers:

"The Concept of Individualized Instruction in the Micro-Electronics Era: Educational Technology Comes of Age" at the International Conference on Educational Technology, London, England, April 1980.

"The Relative Effectiveness of Holist and Serialist Learning Style in Learning from Structural Communications" (with D. Meilleur) at the European Meeting on Cybernetics and Systems Research, Vienna, April 1980.

"A Positive Feedback Model of Interest in Learning New Topics at the European Meeting on Cybernetics and Systems Research, Vienna, April 1980.

"A Model for Developing an Inexpensive Open Learning System at the Symposium on Open Learning Systems, Canadian Society for the Study of Education, June 1980.

DR. J.E. O'BRIEN, S.J. (Department of Communication Studies)

- completed a paper entitled "New Developments within the Canadian Broadcasting System" for the Federal Department of Communications on the Policy Seminar which was held on Sir George Williams Campus , September 28-30, 1979.
- was an invited participant at the Ottawa Consultation on UNESCO's Culture, Communication, and Copyright Programme, in July 1980.
- Accepted an invitation to become the second Canadian on the Executive Committee of the World Association for Christian Communication/North American Region with headquarters in New York.

DR. C. PERRY (Department of Psychology)

- published the following papers:

"Research strategies in hypnosis: An overview of current methods", (with P.W. Sheehan) in the Handbook of hypnosis and psychomatic medicine. Amsterdam, 1980, 517-542.

"Hypnotic depth and hypnotic susceptibility: A replicated finding", (with J.-P. Laurence) in the International Journal of Clinical and Experimental Hypnosis, 1980, 28, 272-280.



DR. C. PERRY (Department of Psychology) cont'd.

- presented the following papers:
  - "Hilgard's 'hidden observer' effect: Some confirming data" (with J.-R. Laurence) to the 2nd European Congress of Hypnosis in Psychotherapy and Psychosomatic Medicine, Dubrovnik, Yugoslavia, May 1980.
  - "Cognitive patterns in hypnosis" to the 88th Annual Convention of the American Psychological Association, Montreal, September 1980.
- co-chaired a workshop on "Pain and Hypnosis at the 2nd European Congress of Hypnosis, Dubrovnik, Yugoslavia, May 1980.
- appointed Vice-Chairman, Committee on Law and Public Relations, Society for Clinical and Experimental Hypnosis, 1980.

DR. ENN RAUDSEPP (Department of Journalism)

- published the following:
  - "Grove and the Wellsprings of Fantasy," Canadian Literature, No. 84, 131-137, Spring 1980.
  - "Conrad Black Answered: A Case for the Defence," Carleton Journalism Review, Vol. 2, No. 5, Spring, 1980.

DR. H. SCHEER (Department of Modern Languages and Linguistics)

- published the following articles:
  - "Bilingualism in Quebec" Languages in Contact and Conflict. Research Centre of Multilingualism, University of Brussels (Brussels, 1980)
  - "The Hutterian German Dialect: A Study in Sociolinguistic Assimilation and Differentiation" in The Mennonite Quarterly Review, Vol. LIV, No. 3, Goshen College (Goshen, IN), July 1980.
- delivered a lecture entitled "The Hutterian Brethren: The Oldest German Speech Island in North America", given in English at the Anglo-German and the German-American Clubs of Kassel, May 16, 1980.
- co-organized the "Third Symposium: German-Canadian Studies," Concordia University, Université de Montréal, Goethe Institute, Montreal, May 22-24, 1980.



DR. N. SEGALOWITZ (Department of Psychology)

- presented the following papers:

"Semantic category norms for English and French Quebec populations", (with M. Favreau) at the American Psychological Association, Montreal, September 1, 1980.

"Adult acquisition of new phonetic categories in an unfamiliar language" (with H. Cohen) at the Eastern Psychological Association, Hartford, Connecticut, April 10, 1980.

"Listening and reading speed: A new method for assessing bilingual skills and its implications for language processing" (with M. Favreau) at the Canadian Psychological Association Meetings, Calgary, Alberta, June 1980.

DR. M. SHAMES (Department of Psychology)

- served as Reviewer (referee) for the journal, Philosophy of Science.

DR. P. SHIZGAL (Department of Psychology)

- published an article entitled "Heroin, but not levorphanol, produces explosive motor behavior in naloxone-treated rats" (with R. Blair, H. Cytryniak, and Z. Amit) in Psychopharmacology, 69, 313, 1980.

- presented the following papers:

"Excitability characteristics and anatomical linkage of the substrates for dorsal raphe and lateral hypothalamic self-stimulation", (with C.H. Bielajew, J. Ferme-Enright, and C. Jordan) at the Eastern Psychological Association Meeting, April 1980, Boston, Mass.

"Reinterpretation of behaviourally-derived strength-duration curves for neurons mediating brain stimulation reward", (with D. Schindler) at the Canadian Psychological Association meeting, June 1980, Calgary, Alta.

"Excitability characteristics of the substrate for periaqueductal grey self-stimulation", (with C. Jordan and C. Bielajew) at the American Psychological Association meetings, September 1980, Montreal, Quebec.



DR. B. SLACK (Department of Geography)

- presented the following papers:
  - "British and French Ports Policy Contrasts" at the American Association of Geographers Meeting in Louisville, April 1980.
  - "Montreal, its Transportation Centre" at the special session on Montreal at the Royal Society of Canada Meetings in June - Montreal.
- published a paper entitled "Technology and Seaports in the 1980's" in Tidjschrift voor Economische en Sociale Geographie, Summer 1980.

DR. I.H. SMITH (Department of History)

- published an article entitled "Lenin's Views on the First World War, 1914-1917", Europa Vol. III, No. 1, 1980.
- published the following two book reviews:
  - "The End of the Russian Imperial Army: the Old Army and the Soldiers' Revolt" by Allan Wildman for The Canadian Journal of History, 1980
  - "The Soviet Union: Looking to the 1980's", Robert Wesson (ed.) for Canadian Slavonic Papers, 1980

ASSISTANT PROFESSOR P.N. TRUCHON (Département d'Etudes françaises)

- gave a lecture on "L'Utilisation pédagogique de la chanson québécoise" at the Congress of the American Association of French Teachers, held at the Chateau Frontenac, Québec, June 26, 1980.
- gave the following three lectures at francophone meetings held at Laval University in Québec, July 3,4,5, 1980:
  - "La chanson québécoise située dans ses contextes sociaux et culturels".
  - "La langue dans la chanson québécoise".
  - "La chanson québécoise et ses thèmes".
- Was delegated by the Ministry of Social Affairs to the French Library of Boston for the celebrations of the Fall of the Bastille. Interview given on "La chanson québécoise, présence française en Amérique" to Boston radio and television, July 14, 1980.



DR. C. WHITE (Department of Psychology)

- chaired a symposium entitled "Research problems in blindness and deafness: An integrated psychological approach", at the American Psychological Association convention in Montreal, September 4, 1980.

DR. D. WHITE (Departments of Psychology and Education)

- presented the following papers:

"The role of the teacher and teacher organizations in redefining early childhood education" as part of a symposium entitled: "A new model for early childhood education: Day care preschool, and kindergarten in context", at the Canadian Society for the Study of Education, Montreal, June 3, 1980.

"Mutual support in weight loss groups with children" at the Canadian Psychological Convention, Calgary, Alberta, June 20, 1980.

"Structures of training programmes for teachers of young children" as part of a panel discussion entitled "The preparation of teachers of young children", at the Organisation Mondiale pour l'Education Préscolaire, Québec City, July 30, 1980.

"The role of the child, family, school, and society in the prevention of childhood obesity" at the Organisation Mondiale pour l'Education Préscolaire, Québec City, July 29, 1980.

DR. R. WISE (Department of Psychology)

- published the following articles:

"Electrolytic microinfusion transducer system: An alternative method of intracranial drug applications", (with M. Bozarth) in the Journal of Neuroscience Methods, 2, 273-275, 1980.

"Effects of pimozide on lever pressing behavior maintained on an intermittent reinforcement schedule" (with T. Gray) in Pharmacology, Biochemistry and Behaviour, 12, 931-935, 1980.

"The dopamine synapse and the notion of 'pleasure centers' in the brain" in Trends in Neuroscience, 3, 90-94, 1980.



DR. R. WISE (Department of Psychology) cont'd.

- presented the following papers:

"Neuroleptic effects on reinforcements" (with T. Gray) at the Canadian Psychological Association, Calgary, June 1980.

"The effects of pimozide on the acquisition and maintenance of bar pressing in rats" (with H. Schwartz) at the Canadian Psychology Association, June 1980, in Calgary.

"Concurrent heroin self-administration and intracranial self-stimulation in rats" (with G. Gerber) at the Canadian Psychological Association, June 1980, in Calgary.

"Actions of drugs of abuse on brain reward systems".  
Keynote address for the 5th biennial International Symposium on Alcoholism, Cardiff, Wales, June 1980.

"Brain reward mechanisms and drugs of abuse". Invited address to divisions 6 and 28 at the American Psychological Association, Montreal, September 1980.

"Concurrent heroin self-administration and intracranial self-stimulation in rats", (with G. Gerber, M. Bozarth and J. Spindler) at the American Psychological Association, September 1980, in Montreal.

"Intracranial self-administration of morphine into the ventral tegmental area", (with M. Bozarth) at the American Psychological Association, September 1980, in Montreal.

DR. R.H. ZIENIUS (Department of Chemistry)

- presented the following papers:

"Effect of the Nature of Column Tubing and Support on the Gas Chromatographic Analysis of Chlorinated Pesticides" (with B.C. Pant and B. Setiawan) at the 63rd Canadian Chemical Conference and Exhibition, Ottawa, Ontario, June 8-11, 1980.

"Temperature Effects in the Gas Chromatographic Analysis of Chlorinated Pesticides" (with B.C. Pant and B. Setiawan), by invitation, at the Walter E. Harris Symposium on Analytical Chemistry, Edmonton, Alberta, August 15, 1980.



The next Vice-Rector's Bulletin will be published in January 1981. Deadline for submissions is Monday, 12 January 1981. Please send all submissions to Mr. D.L. Boisvert, Administrative Assistant to the Vice-Rector, Academic, AD-223, Loyola Campus.

Prepared by: S. Ouimet